

**FAX and VOICE COMMUNICATION
THROUGH PSTN AS KNOWN IN THE ART**

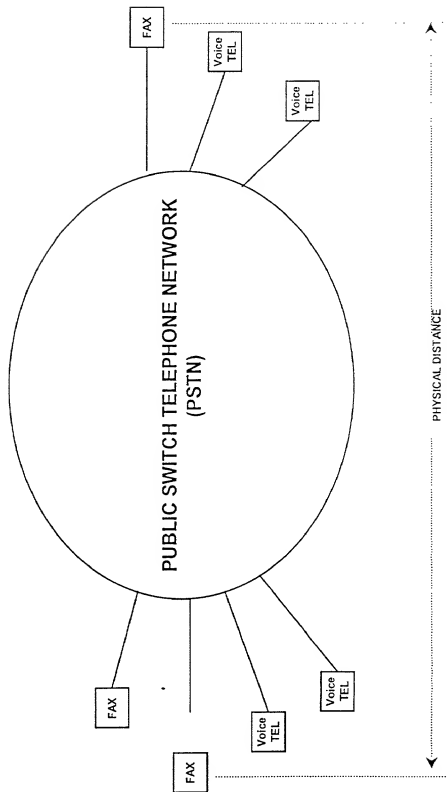


FIG. 1

COST of a CALL = PHYSICAL DISTANCE of SENDER and RECEIVER + TIME ELAPSE of CALL

DATA NETWORK CONSTRUCT AS
KNOWN IN THE ART

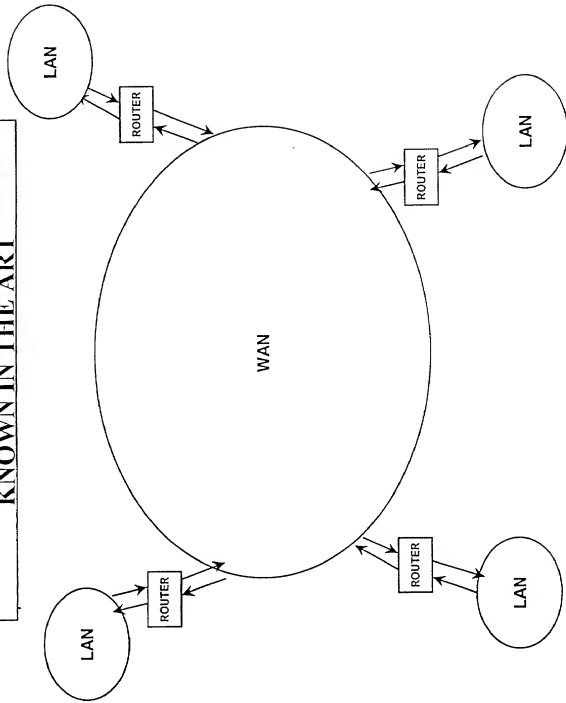


FIG. 2

COST of DATA TRANSMISSION = TRANSMISSION SIZE, or FLAT FEE

PRIOR ART FAX Through PSTN to CENTRAL SERVER SERVER to WAN to DATA NETWORK END STATION

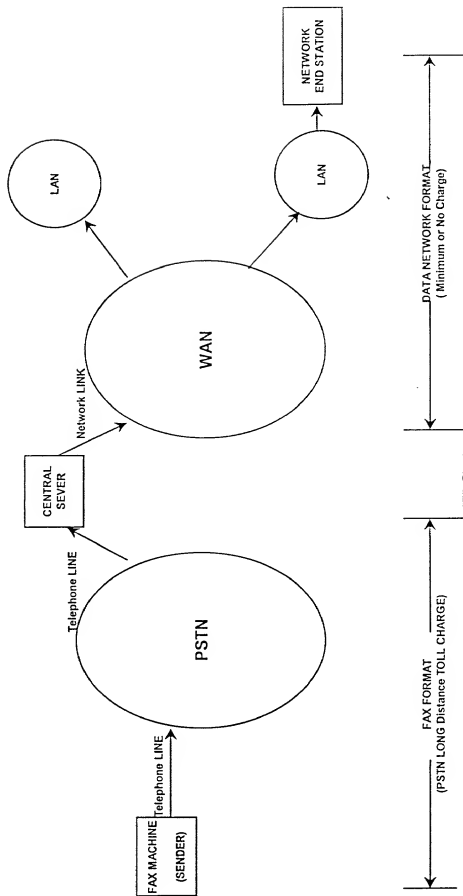


FIG. 3

PRIOR ART FAX Through PSTN to LOCAL SEVER LOCAL SEVER to WAN to REMOTE SEVER REMOTE SEVER to PSTN to Rx FAX

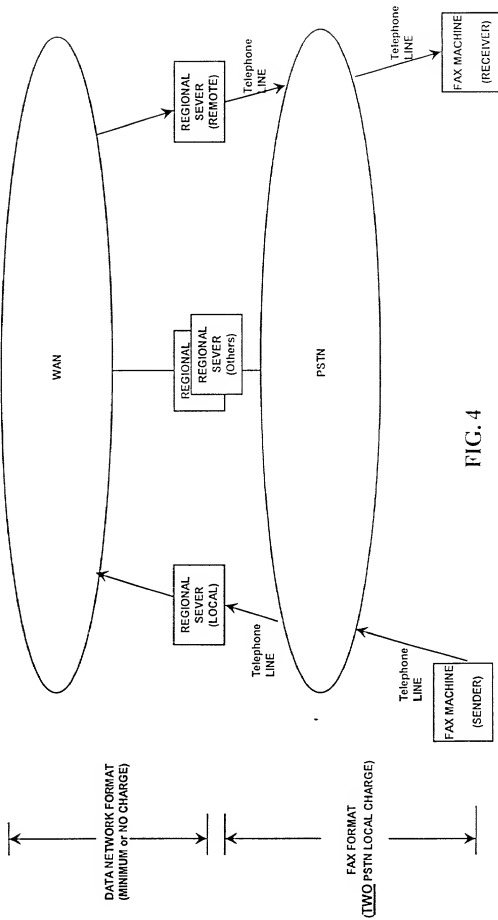


FIG. 4

PRIOR ART UNIQUE IP
SYSTEM CONSTRUCT

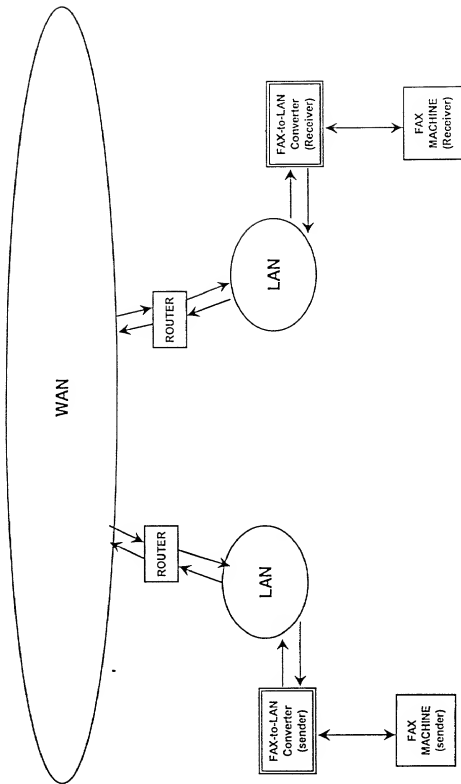


FIG. 5

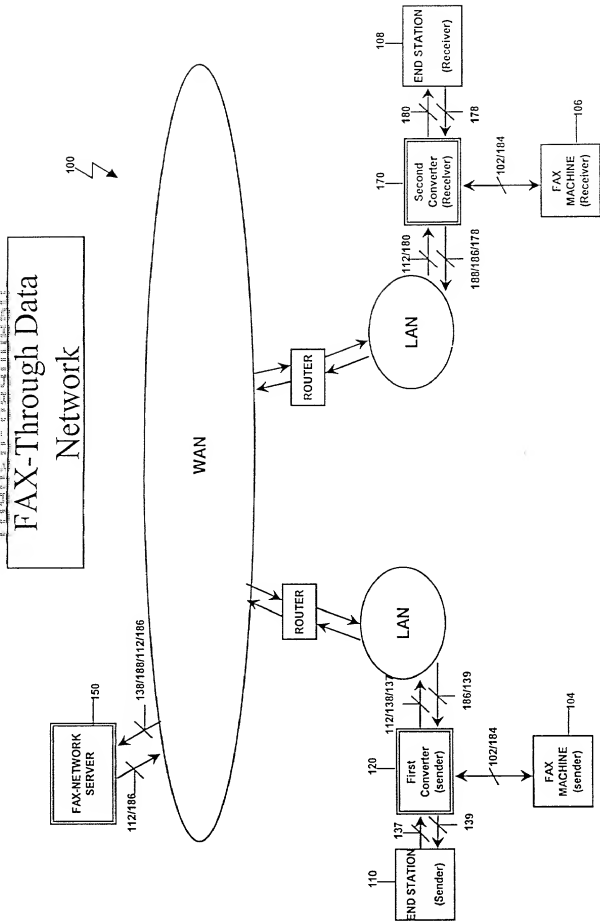


FIG. 6

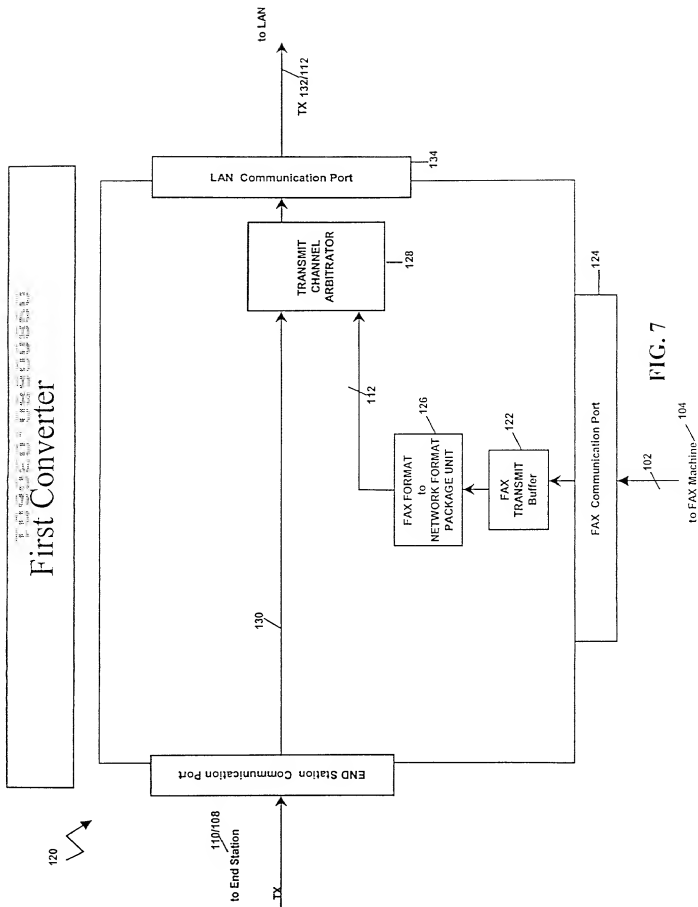


FIG. 7

FAX NETWORK SERVER

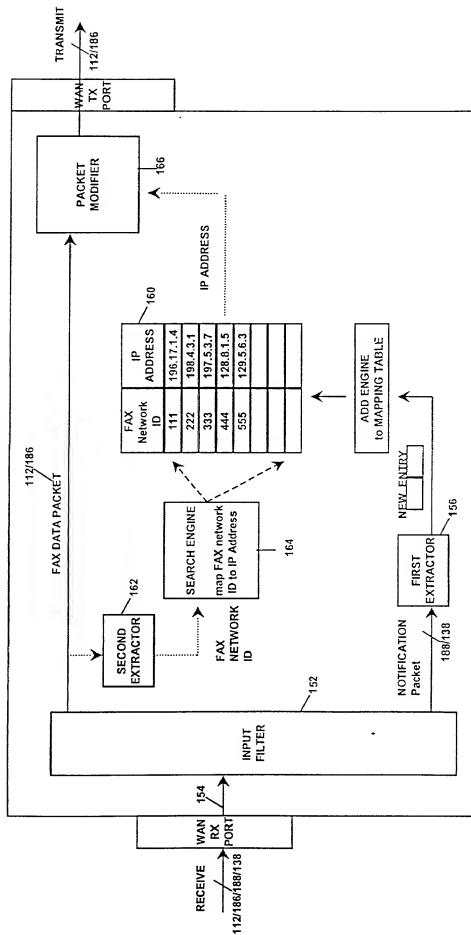


FIG. 8

Second Converter

170

PX

to End Station
108

TX

to LAN

RX
180/112

TX
178/188

END Station Communication Port

112

142

180/112

179

176

178

172

188

128

174

170

106

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First Converter

120A

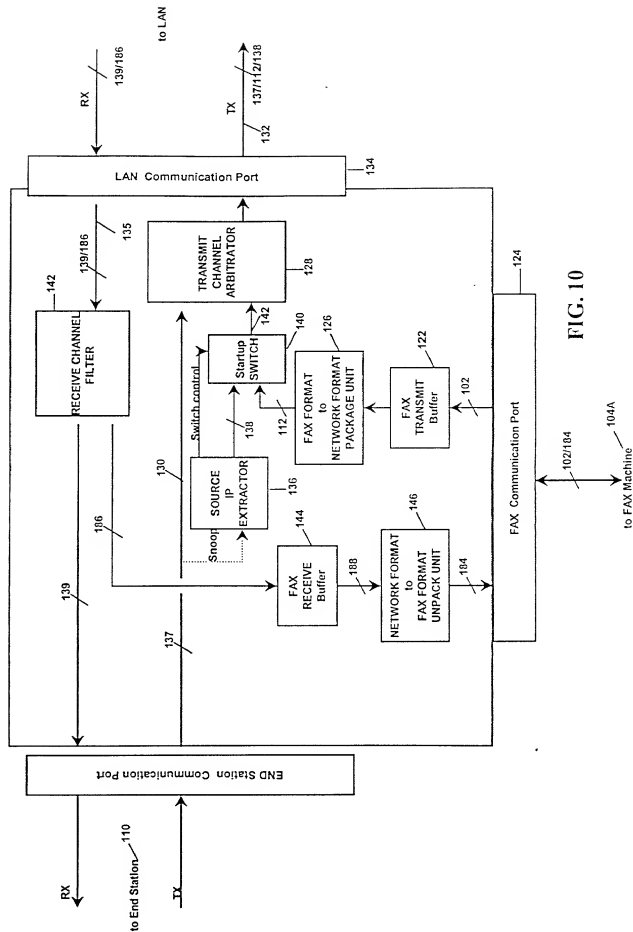


FIG. 10

Second Converter

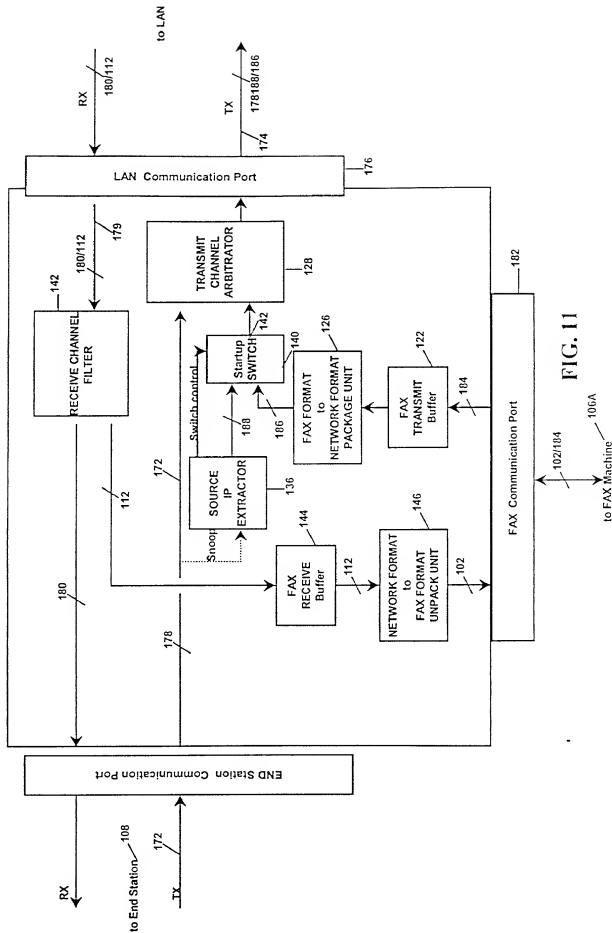


FIG. 11

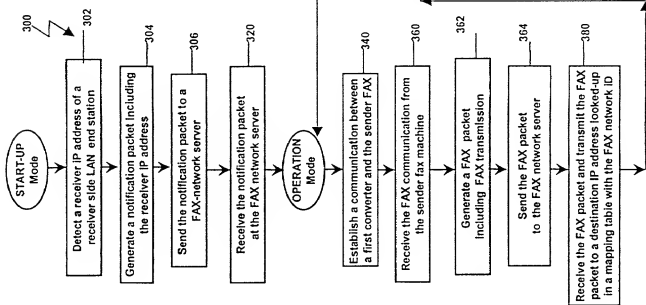


FIG. 12A

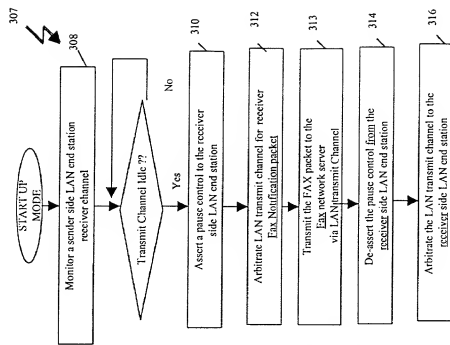


FIG 13

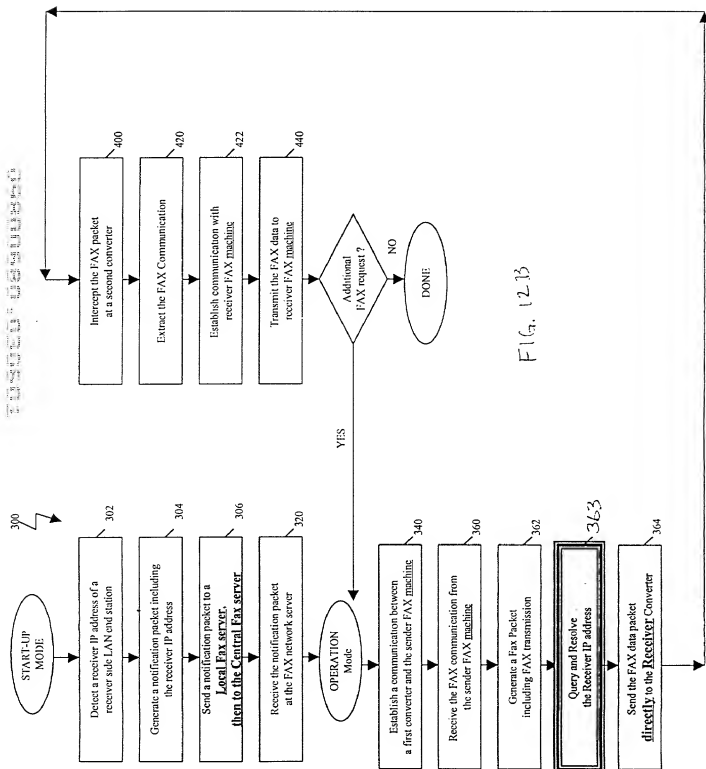
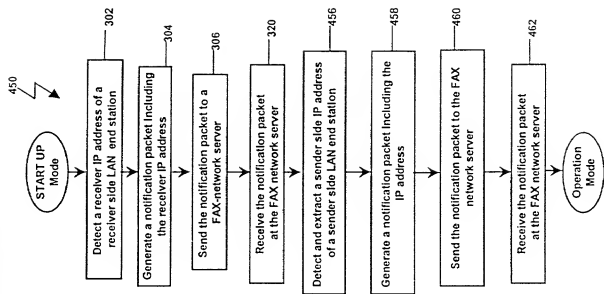
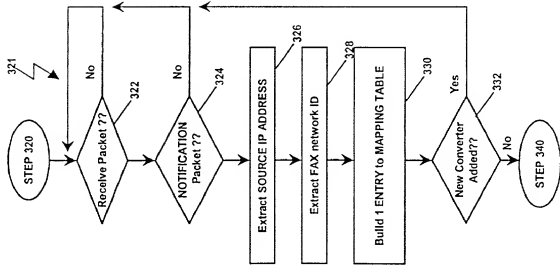


FIG. 12.3



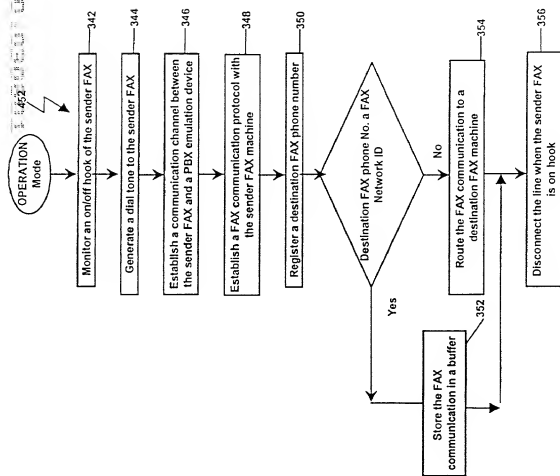


FIG. 16

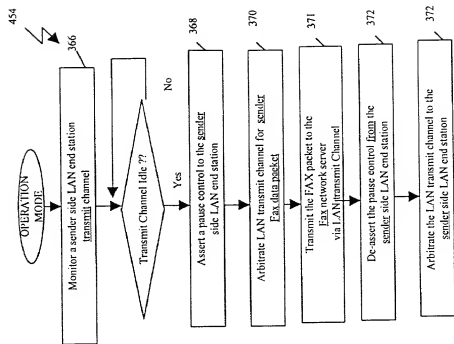


FIG. 17A

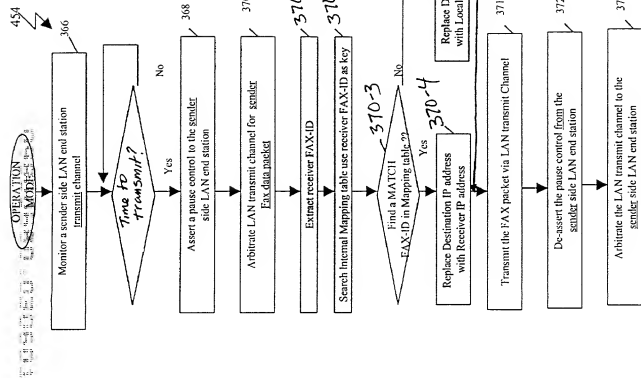


FIG 17C

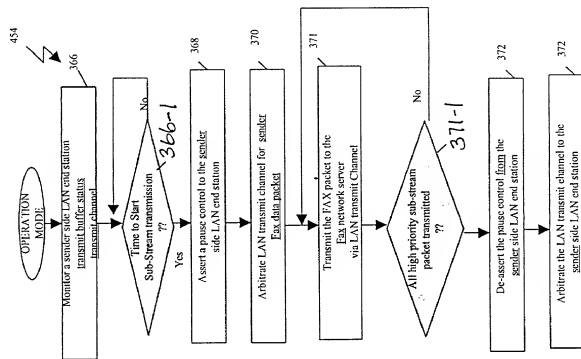


FIG 17B

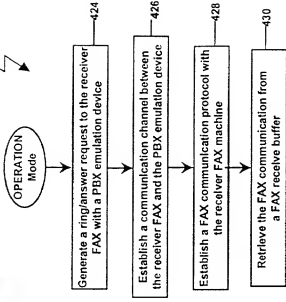


FIG. 20

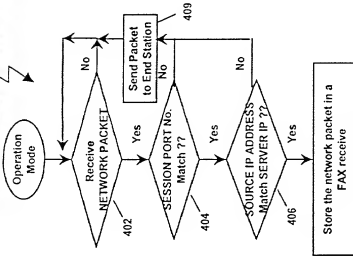


FIG. 19A

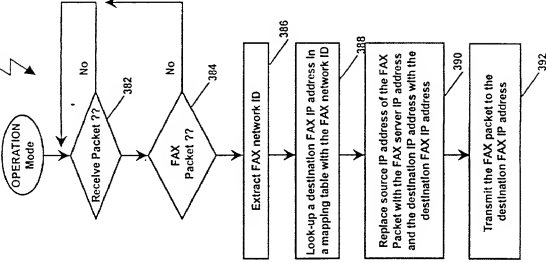


FIG. 18A

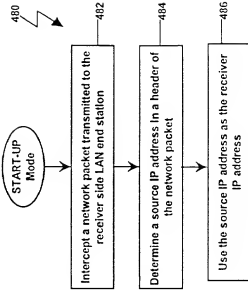


FIG. 21

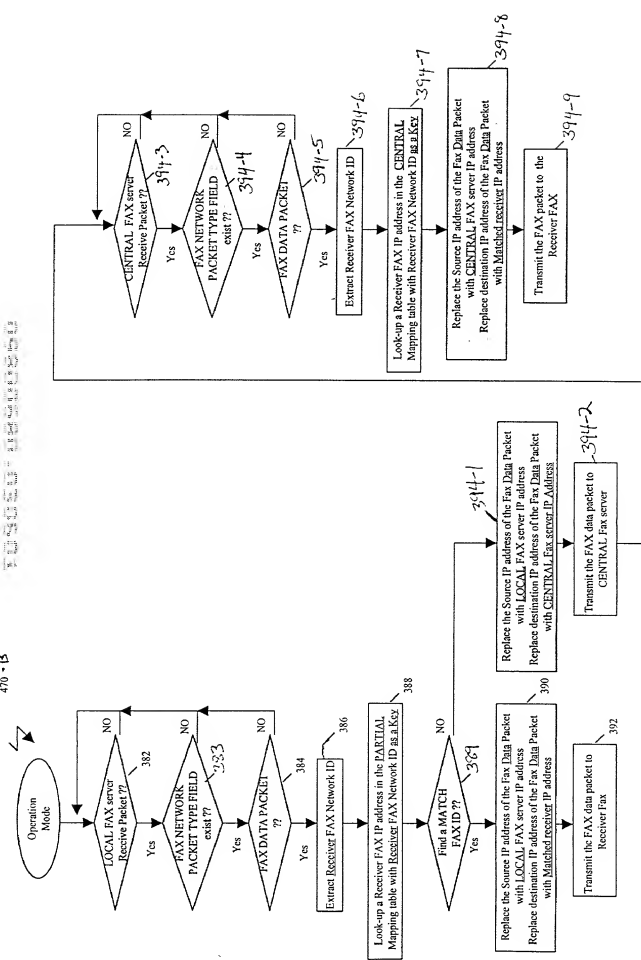


Fig 18D

Embedded FAX Network Packet Type Field for Packet identification and intercept

321-B

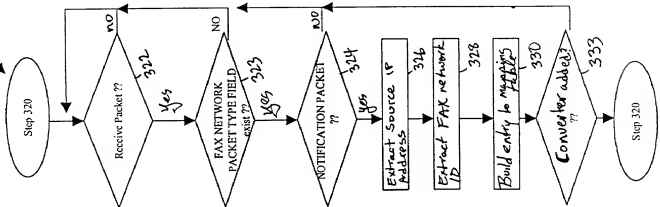


Fig 14B

474-B

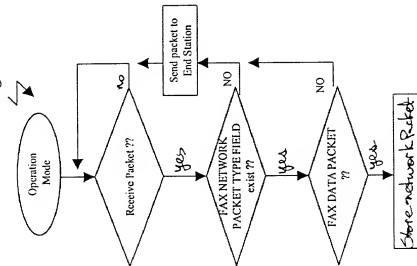


FIG. 19B

SHARE IP SINGLE APPLIANCE CONFIGURATION

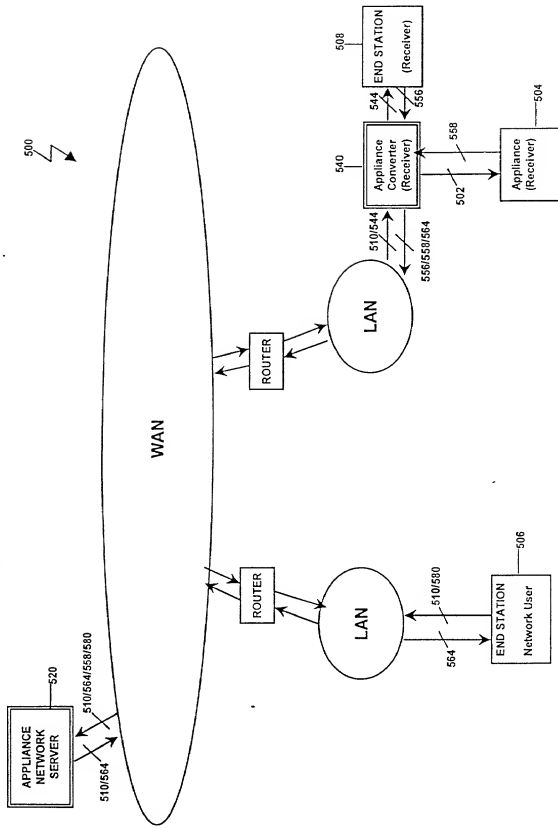


FIG. 22

SHARE IP Appliance Converter

540

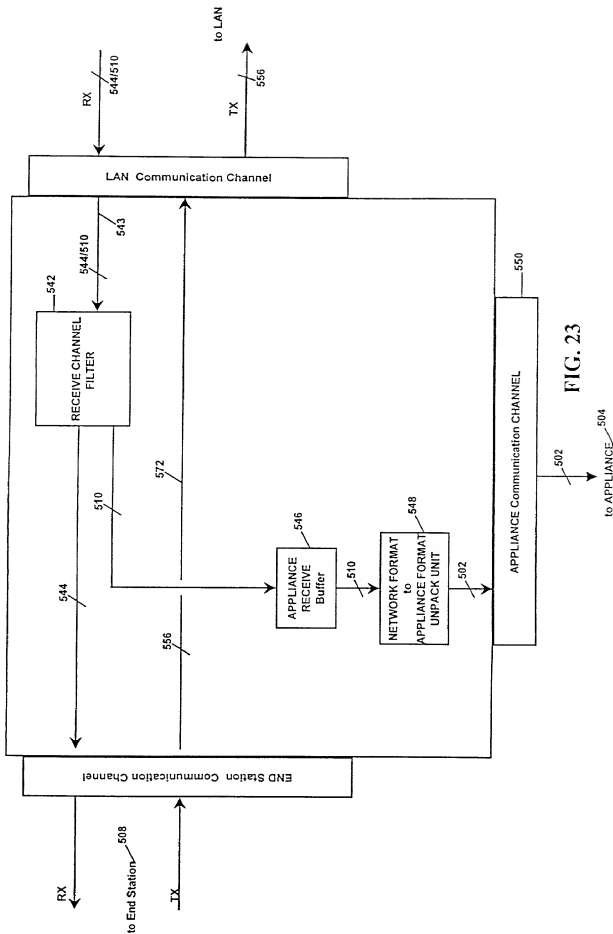


FIG. 23

SHARE IP Appliance Converter

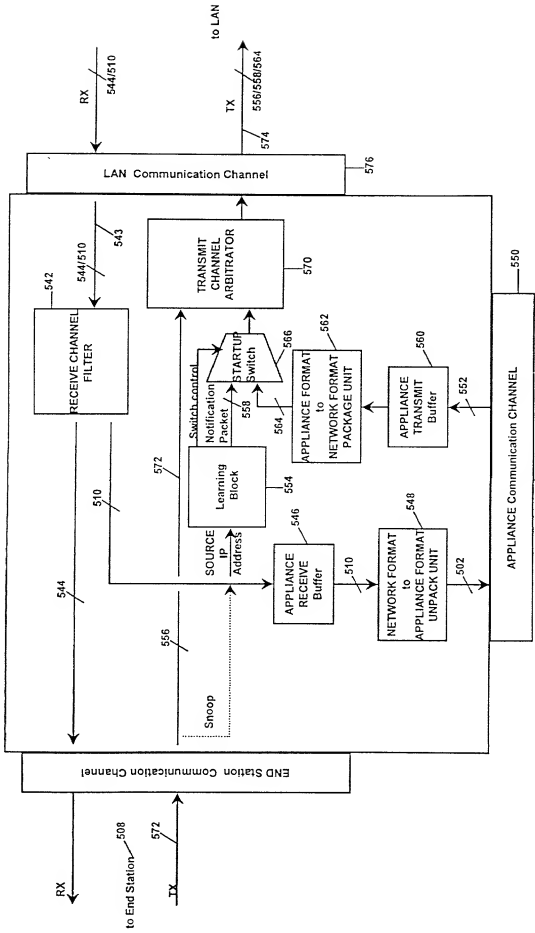


FIG. 24

APPLIANCE NETWORK SERVER

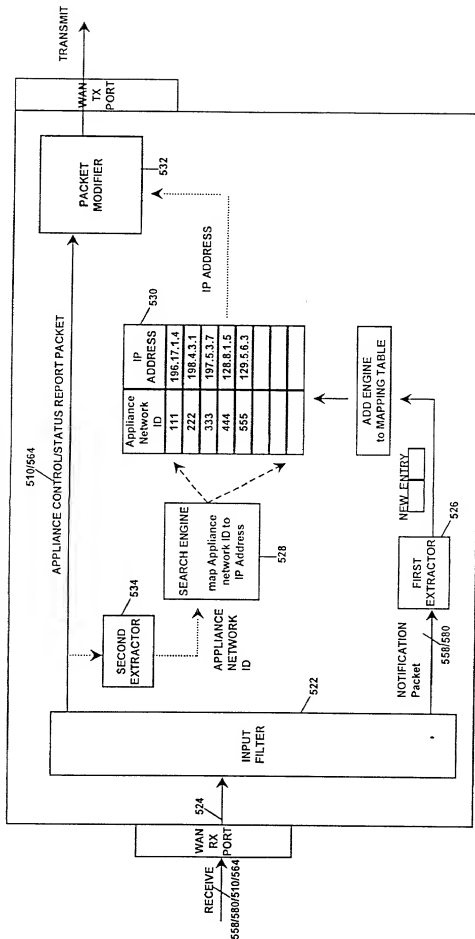


FIG. 25

DAISY CHAIN APPLIANCE CONFIGURATION

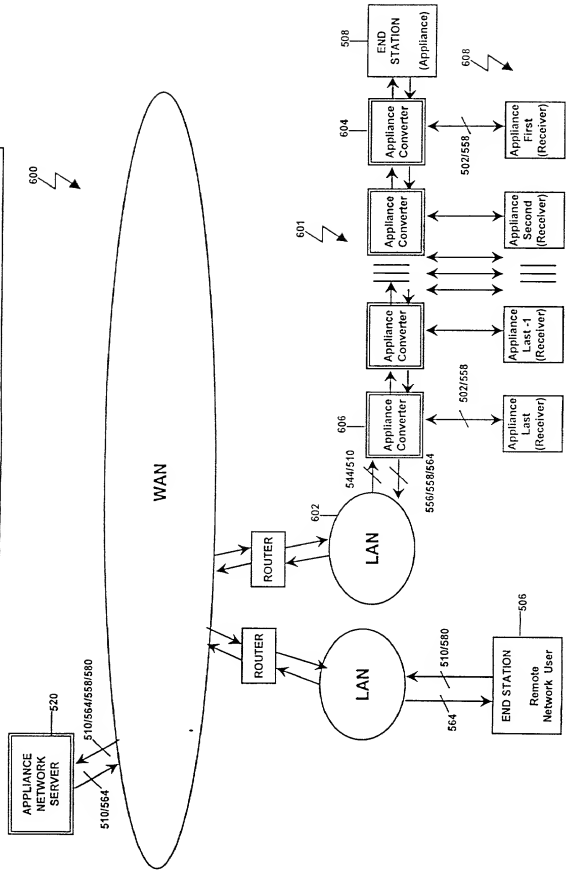


FIG. 26

DAISY CHAIN NETWORK SEVER CONSTRUCT

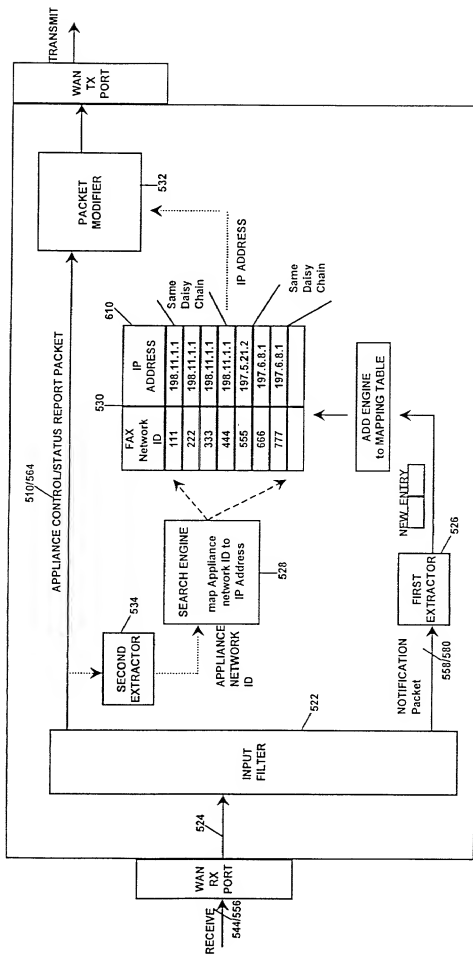


FIG. 27

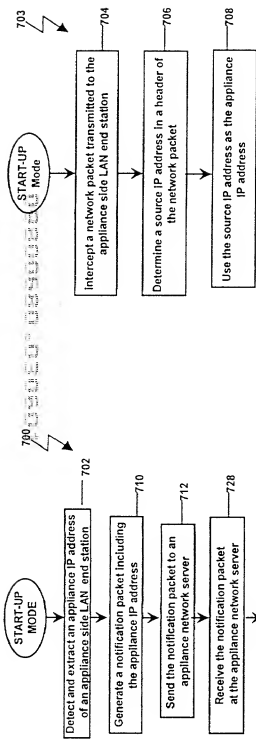


FIG. 28

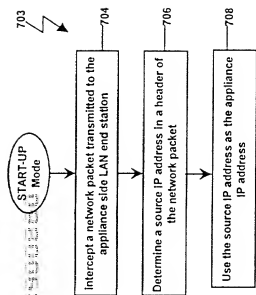


FIG. 29

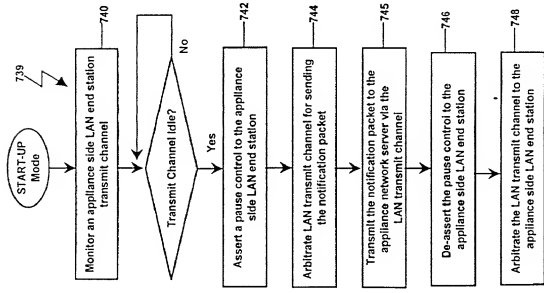


FIG. 30

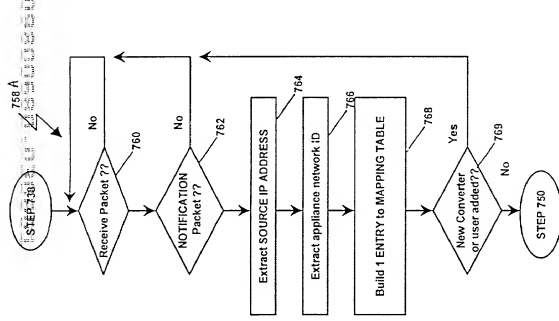
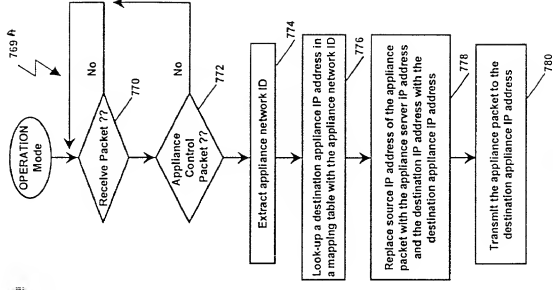


FIG. 31A



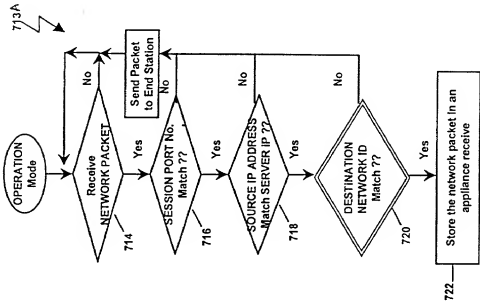


FIG. 33A

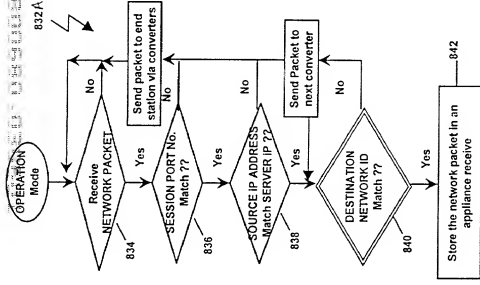
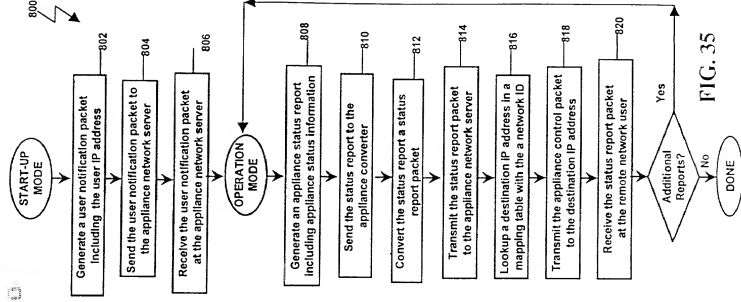


FIG. 34A



Embedded FAX Network Packet Type Field for Packet identification and intercept

738-B

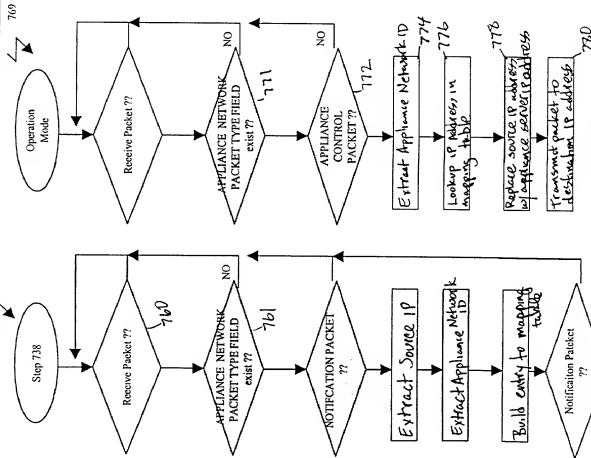


Fig 32B

769

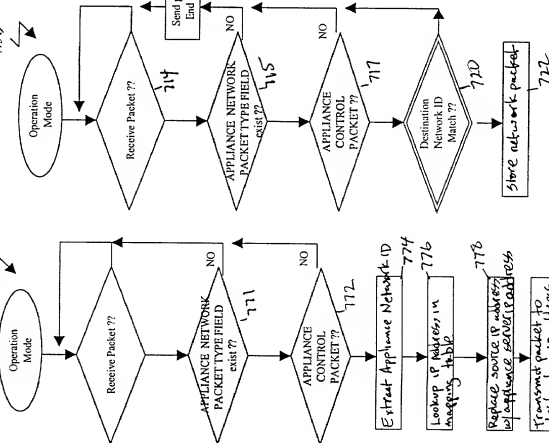


Fig 33B

713B

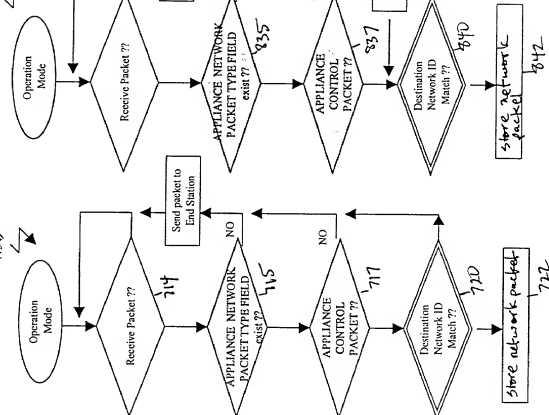
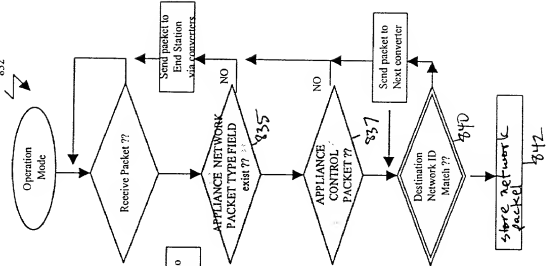
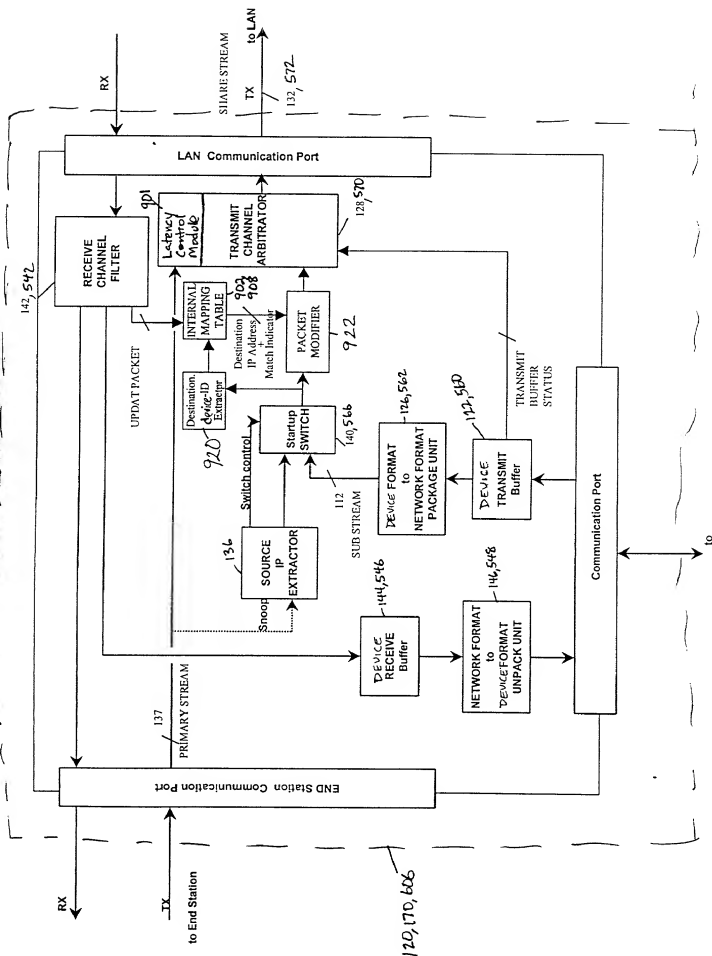
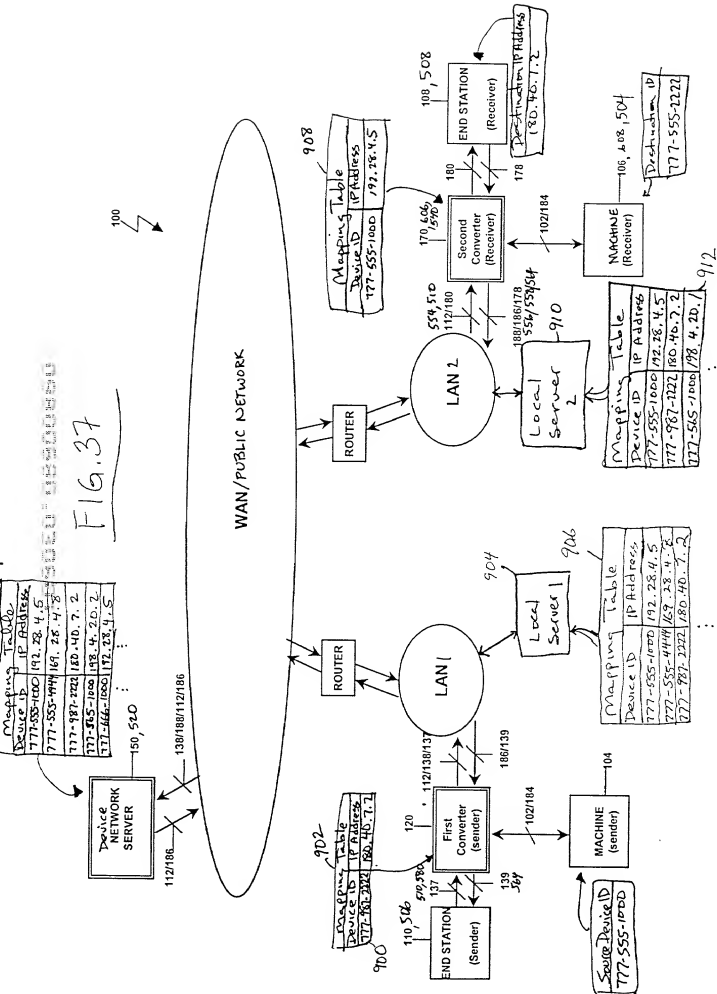


Fig 34B

832

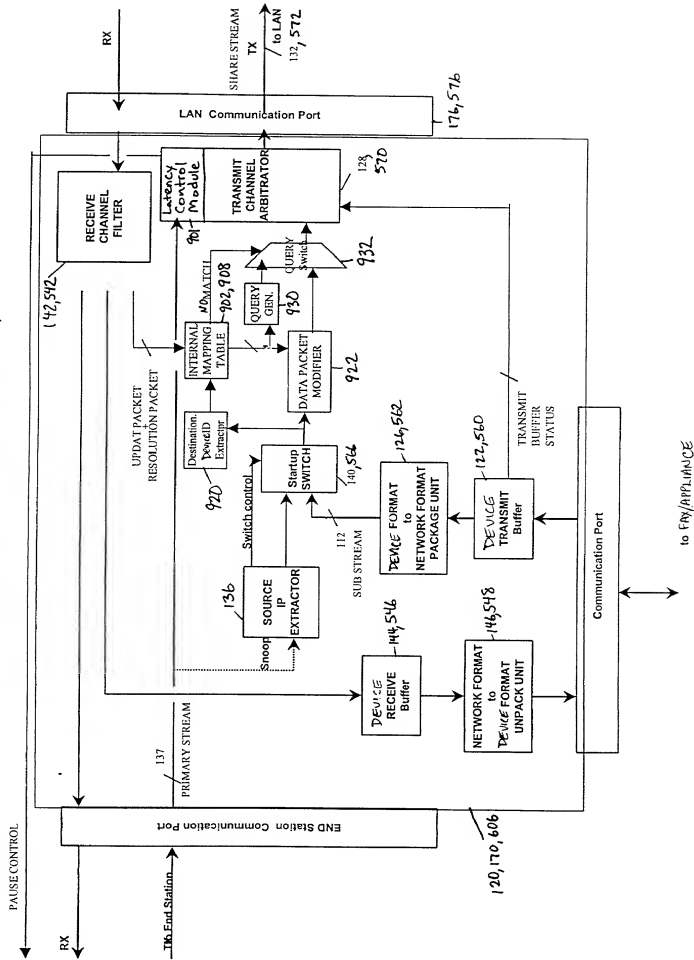


[illegible]



First/Second Converter (Query and Resolution)

Fig. 38



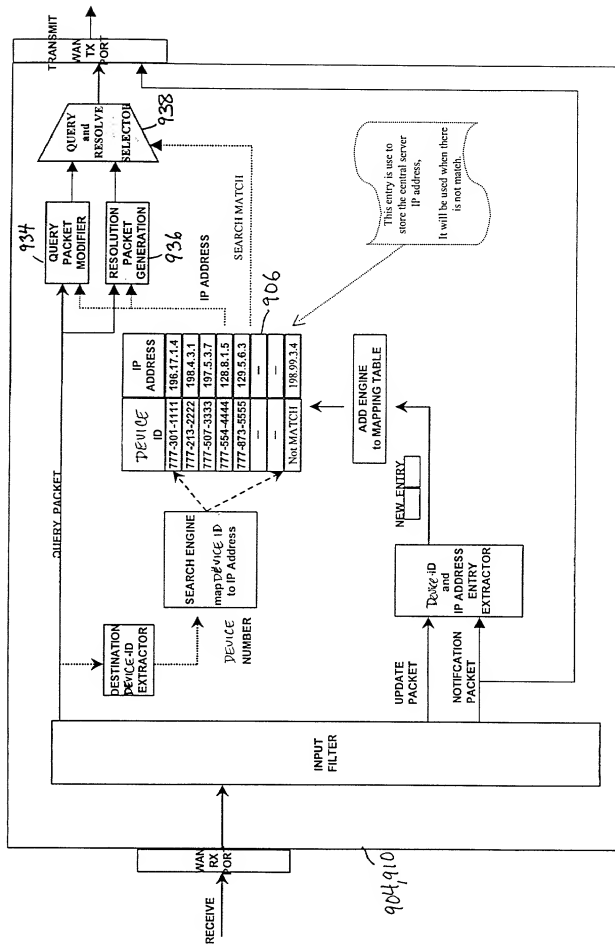
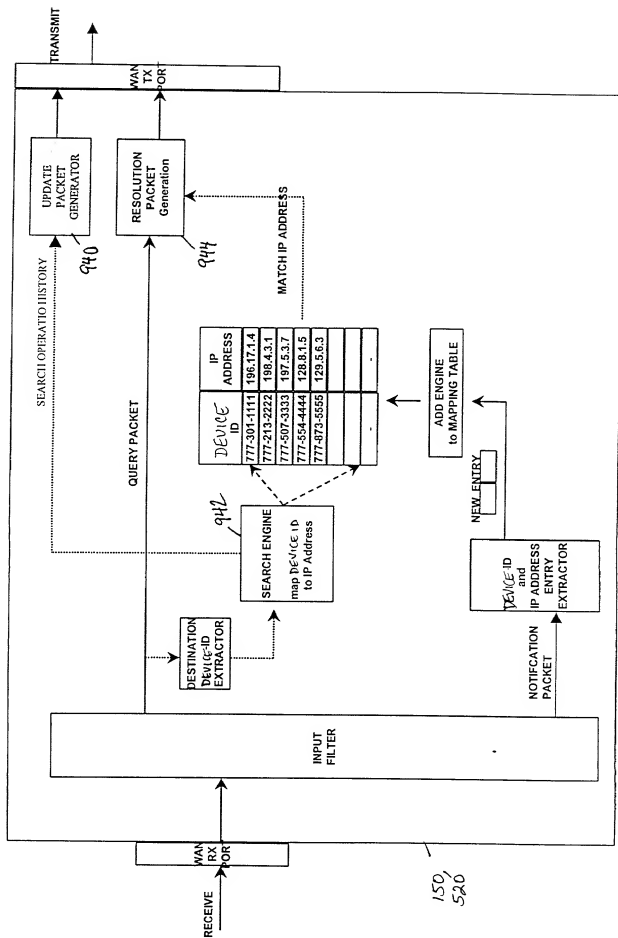


FIG. 40

FIG. 40



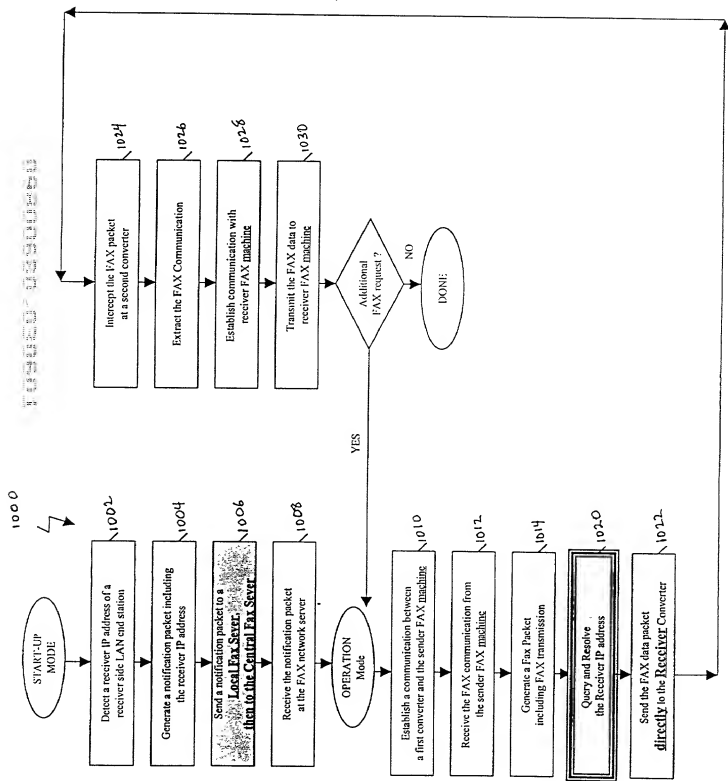


FIG. 41

F16 42

